

WHAT IS CLAIMED IS:

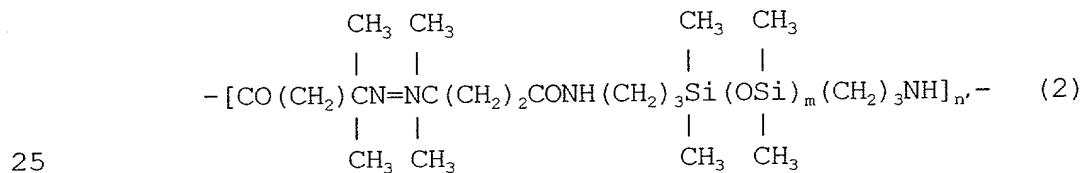
1. A polymer composition comprising (A) a polymer having a silicon atom bound to a hydrolytic group and/or a hydroxyl group, in which the maximum size of particles contained therein is 2  $\mu\text{m}$  or less, and the number of particles having a size of 0.2  $\mu\text{m}$  to 5 2  $\mu\text{m}$  is 1,000 particles/ml or less.

2. The polymer composition according to claim 1, which further contain (B) at least one component selected from the group consisting of an organosilane represented by the following general 10 formula (1), a hydrolyzate of the organosilane and a condensate of the organosilane:



wherein,  $R^1$ , which may be the same or different when two or more 15  $R^1$  groups are present, represents a monovalent organic group having 1 to 8 carbon atoms;  $X$  represents a halogen atom or an alkoxy or acetoxy group having 1 to 8 carbon atoms; and  $n$  is an integer of 0 to 2.

3. The polymer composition according to claim 1 or 2, which further contain a compound having a recurring unit represented by 20 the following general formula (2):



wherein  $m$  is from 5 to 250, and  $n'$  is from 4 to 40.

4. The polymer composition according to any one of claims

1 to 3, wherein the polystyrene-converted weight-average molecular weight of component (A) is from 1,000 to 100,000.

5. The polymer composition according to any one of claims 1 to 4, which further contains (C) a photoacid generating agent.

5 6. The polymer composition according to any one of claims 1 to 5, which further contains (D) a dehydrating agent.

7. A cured product obtained by coating a substrate with the polymer composition according to any one of claims 1 to 6, and subjecting the composition to heat curing and/or photo-curing.

10 8. The cured product according to claim 7, wherein a surface of the substrate has an arithmetical mean roughness of 0.5  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less.

9. The cured product according to claim 7, wherein the substrate is a film whose surface has an arithmetical mean roughness 15 of 0.5  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less.

10. The cured product according to claim 7 or 8, wherein a surface of the cured product has an arithmetical mean roughness of 0.2  $\mu\text{m}$  or less and/or a maximum height of projections thereon 20 of 2  $\mu\text{m}$  or less.

11. The cured product according to any one of claims 7 to 10, wherein the surface of the cured product has a hydroxyl group concentration of 10% or less.

12. The cured product according to any one of claims 7 to 25 11, wherein the surface of the cured product has a coefficient of

dynamic friction of 0.5 or less.

13. The cured product according to any one of claims 7 to 12, which has a release, non-adhesive function.

14. A laminate having the cured product composed of the 5 polymer composition according to any one of claims 1 to 6 on a substrate film, in which a surface of the substrate has an arithmetical mean roughness of 0.5  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less and 1,000 projections/ $\text{m}^2$  or less of projections having a height of 0.2  $\mu\text{m}$  10 to 2  $\mu\text{m}$ , and a surface of the cured product has an arithmetical mean roughness of 0.2  $\mu\text{m}$  or less and/or a maximum height of projections thereon of 2  $\mu\text{m}$  or less and 500 projections/ $\text{m}^2$  or less of projections having a height of 0.2  $\mu\text{m}$  to 2  $\mu\text{m}$ .

15. A method for producing a cured product, which comprises 15 coating a substrate with the polymer composition according to any one of claims 1 to 6, and subjecting the composition to heat curing and/or photo-curing.